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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVI, No. 7 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — July, 1968

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July 1968, averaged 144,512 barrels daily, a decrease of 422 barrels from the average June production of 144,934.

The nine refineries in the state processed 126,820 barrels of crude oil daily for the month of July, 1968, an increase of 25,421 barrels from the 101,399 barrels processed daily during the month of June, 1968.

During July, the commission issued 85 permits to drill new wells, an increase of 3 from the 82 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1968

IN STORAGE JULY 1st	
By Producers	442,059
By Transporters	1,477,769
By Refiners	1,023,508
TOTAL STORAGE	2,943,336
Produced in Montana During Month	4,479,873
Imported During Month	3,085,180
TOTALS	10,508,389
DISPOSITION:	
Refined in Montana	3,931,434
Exported	3,943,881
Used for Fuel or Lost	6,954
TOTAL	7,882,269
IN STORAGE JULY 31st	
By Producers	438,801
By Transporters	1,345,993
By Refiners	841,326
TOTAL STORAGE	2,626,120

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1968

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	37,099
Bowdoin	59,570
Bowes	22,678
Cabin Creek	105,180
Cedar Creek	72,853
Cut Bank (Including Reagan)	467,793
Devon	0
Dry Creek	353
Elk Basin	100,104
Flat Coulee	10,252
Gold Butte	2,674
Golden Dome	0
Grandview	4,446
Hardin	2,519
Keith Block	213,347
Kevin Sunburst	31,056
Lake Basin	104,232
Middle Butte	2,316
Mt. Lilly	20,566
Pine	73,227
Plevna	3,513
Utopia	0
Whitlash	97,686
Miscellaneous	182,362
TOTAL	1,613,826

Total withdrawals for July, 1967 were 1,883,674

* During July 54 wells were completed, 25 oil, 0 gas wells and 29 dry holes.

PRODUCERS REPORT—MONTH OF JULY, 1968

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
3	Ash Creek	3	354	2,756	----------	2,924	----------	186
	Bannatyne	----------	467	----------	----------	----------	----------	467
1	Bascom	1	184	63	----------	----------	----------	247
5	Bear's Den	6	1,738	1,059	----------	813	----------	1,984
66	Bell Creek	301	88,961	1,685,748	1,678,277	----------	3,700	92,732
1	Benrud	1	485	1,069	1,323	----------	----------	231
1	Benrud East	1	435	8,485	8,193	----------	----------	727
1	Benrud Northeast	1	681	7,331	7,619	----------	----------	393
1	Berthelote	1	246	344	----------	----------	----------	590
6	Big Wall	23	2,231	18,645	19,995	----------	----------	881
5	Blackfoot	7	1,523	3,156	1,069	2,419	----------	1,191
3	Border	4	----------	1,308	----------	1,308	----------	----------
1	Bowes	60	3,064	14,956	14,902	----------	----------	3,118
2	Bradley	2	870	821	827	----------	----------	864
1	Brady	2	2,797	33,503	----------	33,463	750	2,087
2	Brorson-Red River	1	545	342	342	----------	----------	545
1	Brush Mountain	1	968	7,169	----------	7,225	----------	912
2	Cabin Creek	105	6,750	320,000	320,000	----------	----------	6,750
10	Cat Creek	69	2,726	16,760	16,713	400	----------	2,373
1	Clark's Fork	1	109	146	----------	153	----------	102
2	Conrad South	2	662	1,056	1,056	----------	----------	662
2	Coral Creek	37	5,203	80,509	85,464	----------	----------	248
1	Cupton	1	1,826	379	----------	1,362	----------	843
147	Cut Bank	876	76,617	320,675	315,645	977	43	80,627
2	Deer Creek	4	1,180	2,715	2,267	----------	----------	1,628
1	Delphia	1	250	328	----------	----------	----------	578
1	Devil's Basin	1	671	120	----------	120	----------	671
1	Dry Creek	1	----------	186	----------	186	----------	----------
12	Dwyer	13	5,598	19,425	18,674	----------	333	6,016
4	Elk Basin	62	2,275	226,527	226,351	----------	----------	2,451
5	Elk Basin Northwest	14	2,061	7,536	6,113	----------	----------	3,484
8	Fairview	9	14,559	96,536	----------	101,167	----------	9,928
2	Fertile Prairie	2	1,087	1,529	1,633	----------	----------	983
28	Flat Coulee	30	7,121	15,076	16,370	----------	----------	5,827
38	Flat Lake	56	6,059	73,030	71,723	----------	----------	7,366
1	Flat Lake South	1	710	1,294	1,361	----------	----------	643
2	Frannie	2	----------	950	950	----------	----------	----------
20	Fred & George Creek	41	5,286	75,959	76,959	----------	----------	4,286
2	Gage	2	418	226	----------	----------	----------	644
4	Gas City	23	6,987	33,612	32,573	----------	----------	8,026
11	Glendive	15	3,167	36,202	29,846	6,856	----------	2,667
24	Goose Lake	32	5,499	60,652	61,378	----------	----------	4,773
9	Graben Coulee	27	4,774	8,087	6,652	1,679	----------	4,530
	Grandview	----------	528	----------	----------	----------	----------	528
4	Gypsy Basin	5	1,330	259	----------	218	----------	1,371
8	Hiawatha	8	4,786	29,091	27,769	----------	----------	6,108
1	Hibbard	1	576	180	----------	381	----------	375
6	Ivanhoe	9	1,934	10,476	10,236	----------	56	2,118
10	Keg Coulee	27	6,619	22,388	23,579	----------	----------	5,428
3	Keg Coulee North	3	771	945	435	----------	----------	1,281
4	Kelley	4	1,100	13,646	13,230	----------	----------	1,516
113	Kevin Sunburst	546	16,362	37,420	33,470	4,572	----------	15,740
1	Laird Creek	8	502	14,982	----------	14,982	9	493
1	Little Beaver	29	----------	30,062	30,062	----------	----------	----------
2	Little Beaver East*	14	2,043	20,177	19,863	----------	----------	2,357
3	Lodge Grass	3	1,860	1,794	----------	1,879	----------	1,775
21	Lookout Butte	30	3,241	57,362	52,093	4,592	----------	3,918
1	Mackay Dome	1	810	300	590	----------	70	450
2	Mason Lake	2	303	1,073	1,019	----------	----------	357
2	Melstone	4	1,023	2,526	2,511	----------	----------	1,038
1	Mineral Bench	1	881	11,178	11,529	----------	----------	530
5	Miner's Coulee	18	312	1,267	----------	1,435	----------	144
12	Monarch	14	5,047	24,142	25,080	----------	----------	4,109
4	Mosser	4	----------	627	----------	627	----------	----------
6	Outlook	11	6,593	25,682	----------	24,353	----------	7,922
2	Outlook South	2	1,190	1,722	----------	1,332	----------	1,580
2	Outlook West	2	1,480	9,221	----------	9,080	----------	1,621
69	Pennel	122	5,715	145,418	141,045	----------	----------	10,088
4	Pine	121	18,998	346,373	345,887	----------	----------	19,484
1	Pole Creek	1	265	1,983	----------	1,136	----------	1,112
69	Pondera	274	7,816	27,707	27,698	----------	----------	7,825
4	Poplar	65	10,768	56,457	57,888	----------	----------	9,337
4	Poplar Northwest	4	1,786	1,298	426	----------	----------	2,658
1	Prairie Elk	1	1,355	774	824	----------	----------	1,305
4	Ragged Point	12	3,325	9,120	9,771	----------	----------	2,674
1	Rattlesnake Coulee	1	604	600	547	----------	----------	657
4	Reagan	46	1,131	22,178	22,215	----------	----------	1,094
1	Red Creek	4	----------	26,442	26,442	----------	----------	----------
1	Red Fox	1	376	8,940	9,037	----------	----------	279
1	Redstone	1	687	5,670	5,563	----------	----------	794
1	Repeat	1	710	1,570	----------	1,986	----------	294
3	Reserve	3	----------	10,484	----------	10,484	----------	----------
1	Richey	1	446	396	647	----------	----------	195
6	Richey Southwest	8	540	6,336	6,098	----------	----------	778
6	Sand Creek	8	2,864	11,912	11,405	----------	----------	3,371
1	Shotgun Creek	1	256	150	----------	150	----------	256
3	Sidney-Brorson	3	1,390	2,220	----------	1,649	----------	1,961
4	Smoke Creek	5	1,265	1,273	----------	1,395	----------	1,143
1	Snyder	1	420	500	----------	500	----------	420
6	Soap Creek	17	4,630	4,170	----------	3,445	----------	5,355
1	Spring Lake	2	958	2,512	----------	1,494	----------	1,976
2	Stensvad	21	5,130	20,780	22,145	----------	----------	3,765
31	Sumatra	117	10,901	62,420	62,657	----------	----------	10,664
6	Tule Creek	7	3,634	40,177	----------	40,865	----------	2,946
2	Tule Creek East	2	911	18,313	----------	18,522	----------	702
2	Tule Creek South	3	1,468	6,057	----------	6,639	42	844
2	Vida	2	526	1,863	1,500	----------	----------	889
4	Volt	6	2,393	18,377	19,062	----------	----------	1,708
2	Weed Creek	3	601	9,516	9,674	----------	26	417
5	Weldon	13	1,349	63,882	63,517	----------	----------	1,714
16	Whitlash	33	9,792	19,157	21,352	----------	----------	7,597
1	Whitlash West	1	628	500	500	----------	----------	628
3	Wills Creek South	3	1,444	5,694	5,694	----------	----------	1,444
6	Wolf Springs	9	4,805	7,492	8,839	----------	----------	3,458
3	Woodrow	3	420	3,051	3,090	----------	----------	381
1	Wildcat, Carbon Cty	1	944	84	329	----------	----------	699
1	Wildcat, Daniels Cty	1	292	393	----------	355	----------	330
2	Wildcat, Glacier Cty	4	838	1,285	517	1,105	9	492
1	Wildcat, Richland Cty	1	1,550	1,704	----------	2,255	----------	999
1	Wildcat, Sheridan Cty	1	1,013	683	----------	846	----------	850
1	Wildcat, Stillwater Cty	1	680	1,172	654	----------	----------	1,198
948	Totals	3,524	442,059	4,479,873	4,160,764	317,329	5,038	438,801

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1967	34,959,026	96,778	34,845,434	95,466
First Quarter, 1968	10,606,010	116,549	10,556,409	116,004
Second Quarter	12,517,926	137,559	12,520,339	137,586
July, 1968	4,479,873	144,512	4,478,093	144,454

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total Oil In Storage‡
December, 1967	423,176	1,063,477	632,990	2,119,643
March, 1968	457,799	1,206,686	841,174	2,505,659
June, 1967	442,059	1,477,769	1,023,508	2,943,336
July, 1968	438,801	1,345,993	841,326	2,626,120

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JULY, 1968

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,924				2,924		
BEAR'S DEN—Truck			813					813	
BELL CREEK—Pipelines		1,685,748					1,157,058	528,690	
BIG WALL—									
Continental Pipeline Co.		19,996				19,996			
BLACKFOOT—									
Camerland Cardinal Corp.			2,419					2,419	
Union Oil Co.		1,069				1,069			
		1,069	2,419			1,069		2,419	
BORDER—Truck			1,308				1,308		
BOWES—Texaco		14,902				14,902			
BRORSON-RED RIVER—									
Rock Island Oil & Ref. Co.			33,463				33,463		
BRUSH MOUNTAIN—									
Sinclair Ref. Co			7,225				7,225		
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	343,552	782,776	14,796	1,335,359			2,123,673		352,810
Shell Pipeline Co.	4,509	319,492			1,397			318,519	4,085
	348,061	1,102,268	14,796	1,335,359	1,397		2,123,673	318,519	356,895
CAT CREEK—									
Continental Pipeline Co.		14,391				14,391			
Truck			400			400			
		14,391	400			14,791			
CLARK'S FORK—Truck			153				153		
CUT BANK—									
Continental Pipeline Co.			23,863	685,984				709,847	
Phillips Petroleum Co.	83,221	43,120		64,589		110,133			80,797
Texas Pipeline Co.	40,502	120,271		30,450	295			167,284	23,644
Union Oil Co.	109,888	68,359		46,278	2,822	109,247			112,456
Western Oil Trans. Co.		53,073						53,073	
Western Oil Trans. (Moulton)		44,906						44,906	
	233,611	329,729	23,863	827,301	3,117	219,380		975,110	216,897
DEVIL'S BASIN—Truck			120				120		
DRY CREEK—Truck			186			186			
DWYER—Portal Pipeline Co.		18,600					18,600		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		232,407				232,407			
FAIRVIEW—Truck			101,167				52,997	48,170	
FLAT COULEE—									
Camerland Cardinal Corp.		14,514				10,500		4,014	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		65,656					65,656		
FRANNIE—Interstate Pipeline Co.		950					950		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	27,516	83,209				11,175		84,223	15,327
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,505	37,486			(552)			33,327	10,216
GOOSE LAKE—									
Portal Pipeline Co.		60,430					60,430		
HIAWATHA—									
Continental Pipeline Co.		22,406					22,406		
HIBBARD—Truck			381			381			
IVANHOE—									
Continental Pipeline Co.		9,802				9,802			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		23,460				23,460			
KELLEY—									
Continental Pipeline Co.		13,230				13,230			
KEVIN SUNBURST—									
Big West Oil Co.	6,231	23,692				24,293			5,630
Homestake Oil & Gas Co.	4,190	2,526				5,126			1,590
Texas Pipeline Co.	8,421	16,428			157			17,674	7,018
	18,842	42,646			157	29,419		17,674	14,238
LODGE GRASS—Truck			1,879			1,879			
MASON LAKE—									
Continental Pipeline Co.		1,019				1,019			
MELSTONE—									
Continental Pipeline Co.		2,511				2,511			
MOSSER—Truck			627				627		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			34,765				34,765		
POLE CREEK—Truck			1,136				1,136		
PONDERA—Phillips Petr. Co.	51,118	27,161		110,133	(1,159)	146,060			43,511
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT									
East Poplar Gathering System	14,302	134,040			239			130,753‡	17,350
RAGGED POINT—									
Continental Pipeline Co.		7,812				7,812			
RED CREEK—									
Western Oil Transportation Co.		30,623						30,623	
RESERVE—Truck			10,484				10,484		
SHOTGUN CREEK—Truck			150				150		
SIDNEY-BRORSON—Truck			1,649					1,649	
SMOKE CREEK—Truck			1,395				1,395		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			1,494				1,494		
SNYDER—Truck			500			500			
SOAP CREEK—Truck			3,445				3,445		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	775,566	79,583		582,400	(3,261)	56,303		717,280	667,227
TULE CREEK—									
Tesero Petr. Corp.	3,248		66,026			64,942			4,332
WEED CREEK—									
Continental Pipeline Co.		9,674				9,674			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		24,457				15,298		9,159	
WOLF SPRINGS—									
Continental Pipeline Co.		8,839				8,839			
WILDCAT WELLS—Truck			4,561				4,561		
TOTALS	1,477,769	4,118,618	317,329	2,855,193	(62)	915,535	3,605,020	2,902,423	1,345,993

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1968

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		21,065								21,065
Bowes			23,746							23,746
Cat Creek		8,157		6,347		287				14,791
Cut Bank	114,119						7,183		98,078	219,380
Delphia						38				38
Elk Basin		93,430		62,371	76,606					232,407
Flat Coulee									10,500	10,500
Fred & George Creek	11,175									11,175
Gage & Gage S.W.						12				12
Hibbard						44				44
Ivanhoe		9,802								9,802
Keg Coulee		4,877		18,583						23,460
Kelley					13,230					13,230
Kevin Sunburst	29,419									29,419
Lodge Grass		1,879								1,879
Mason Lake		1,019								1,019
Melstone				2,511						2,511
Pondera							46,060			46,060
Ragged Point				7,812						7,812
Sand Creek						8				8
Snyder		500								500
Sumatra & Stensvad		11,841		43,038	14,050					68,929
Tule Creek								74,656		74,656
Weed Creek					9,674					9,674
Whitlash							15,298			15,298
Wolf Springs					8,839					8,839
Total Montana Oil	154,713	152,570	23,746	140,662	122,399	389	68,541	74,656	108,578	846,254
Canadian Oil Imported		685,984								685,984
Wyoming Oil Imported		522,483		727,054	1,149,659					2,399,196
Total Montana, Canadian, and Wyoming Oil	154,713	1,361,037	23,746	867,716	1,272,058	389	68,541	74,656	108,578	3,931,434

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1967	29,156	13,866	58,527	101,549
July, 1967	31,348	13,556	69,778	114,682
July, 1968	27,299	22,128	77,393	126,820

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1967	28.71%	13.65%	57.64%
July, 1967	27.33%	11.83%	60.84%
July, 1968	21.53%	17.45%	61.02%